

Review Form 3

Journal Name:	Asian Journal of Advances in Agricultural Research
Manuscript Number:	Ms_AJAAR_127664
Title of the Manuscript:	Plant Nanobionics: Enhancing Photosynthesis and Nutrient Uptake with Nanoparticles
Type of the Article	Review article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	Comprehensive exploration of plant nanobionics Systematic coverage of photosynthesis and nutrient uptake enhancement Well-structured scientific narrative Balanced discussion of potential and challenges	
Is the title of the article suitable? (If not please suggest an alternative title)	Feel title should be changed Nanoparticle Innovations in Plant Systems: Enhancing Photosynthesis and Nutrient Dynamics"	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes	
Is the manuscript scientifically, correct? Please write here.	Yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	

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<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Ok</p>	
<p>Optional/General comments</p>	<p>Major Recommendations:</p> <ol style="list-style-type: none"> 1. Technical Completeness <ul style="list-style-type: none"> • Verify citation consistency • Proofread for minor grammatical refinements 2. Scientific Depth <ul style="list-style-type: none"> • Expand on specific field trial results if any • Include more quantitative data on nanoparticle performance • Provide clearer economic impact assessment 3. Critical Analysis <ul style="list-style-type: none"> • Deeper examination of potential ecological risks • More detailed discussion of long-term environmental interactions • Elaborate on scaling challenges for nanoparticle technologies <p>Key Evaluation Points:</p> <ul style="list-style-type: none"> • Innovative approach to agricultural challenges • Scientifically rigorous methodology • Clear potential for transformative agricultural solutions • Requires further empirical validation <p>Specific Section Recommendations:</p> <ul style="list-style-type: none"> • Section 6 (Challenges): Strengthen with more concrete risk mitigation strategies • Section 7 (Future Directions): Provide more specific research roadmap • Conclusion: Emphasize actionable next steps for research and implementation <p>No ethical issue found</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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<p>Department, University & Country</p>	<p>India</p>